

## TECHNOLOGY TREND STATEMENTS

Trend Statement #1: Security. With the increasing reliance on IT systems and networks and the proliferation of social networking and mobile devices, there will be increased vulnerability to the threat of attacks by hackers and cyber criminals. A proactive approach to managing security will persist, be integrated with business processes, and applied throughout all levels of the system.

Trend Statement #2: Mobility. The use of mobile devices, including smartphones and tablets, will continue to rise and deliver applications that facilitate better learning experiences.

Trend Statement #3: Cloud. The technologies we use will be increasingly cloud-based, which will drive browser-based access to applications and services, support device independence, and deliver expected cost savings and efficiency. Privacy and control will present ongoing challenges.

Trend Statement #4: Anytime, anywhere. People expect to be able to work, learn, and study whenever and wherever they want to. Further, the consumerization of IT will accelerate which will force organizations to adapt their security and access policies to a new way of working and getting work done.

Trend Statement #5: Open Source. The development of open source operating systems and software will continue to evolve and be used in a variety of fields, including Higher Education. Open source opportunities will need to be evaluated based on the use of open standards, future flexibility, total cost of ownership, and the availability of skills and community support.

Trend Statement #6: Web 2.0. Web 2.0 technologies (e.g. cloud computing, wikis, blogs, and social networking sites) will continue to facilitate collaboration between individuals and influence the way users interact in work, private, and educational settings.

Trend Statement #7: Data-driven decisions. More sophisticated data analysis software and tools will lead to an increase in the reliance on analytics for tracking and enabling data-driven decision processes and automation in all sectors of the economy.

Trend Statement #8: Digital Divide. There will be increased attention placed on the “digital divide” that exists in our society today due to our ever increasing reliance on technology in our daily lives. There will be a greater need for base level technology skills, technology training, and access throughout all population groups

Trend Statement #9: Green IT. Environmental sustainability initiatives will continue to evolve and mature and be increasingly integrated in to key business and governance processes across the organization. IT organizations should continue to maximize efforts to reduce energy consumption and increase asset utilization with the greatest opportunities in exploiting cloud computing and improving energy management in the data center and network.

Trend Statement #10: Online Education: The notion of anytime, anywhere access will continue to give rise to the need for more hybrid (online & traditional) course development in which both the institution and students benefit. Economic realities will continue to drive the need for specialization and reaching learners outside of the local geographic service area.